



Kitagawa Gas Detector Tube System.

Gas Detection Made Easy.



Kitagawa gas detector tubes were first developed in 1947 when the need was identified for an improved method of gas detection.

The resulting Kitagawa detector tube solution offers:

- Accurate and reproducible results
- On the spot readings
- Fast measurements – results available in minutes with no calculation required
- Gas detection of small sample volumes
- Portability – compact and light weight
- Ease-of-use – no special skills or training required
- No risk of explosion even in flammable atmospheres - no electricity or heat required
- Wide range of gases and measuring ranges with over 200 tubes available

Kitagawa gas detector tubes are made from high-quality borosilicate glass. Inside each tube is packed with a high-purity gas detecting reagent that absorbs and reacts with the gas or vapour measured. This chemical reaction causes a colorimetric stain (colour change) which varies in length proportional to the concentration of the gas or vapour being measured. Readings are fast and easy - graduations printed on the tube show the gas concentration.

The right detection method for your application

Kitagawa gas detector systems are available for many applications:

- Industrial Hygiene – quick measurement of harmful gases and vapours in the atmosphere and the work area
- Fire/Explosion Prevention – detection of combustible gases leaked or generated in workplaces
- Process Control – quality control measurement of gas impurities

It's as easy as...

- Cut open both ends of a new detector tube using the tip cutter
- Insert the tube into the tube connector with the tube's directional arrow pointing towards the sampling pump
- Pull out the pump handle to automatically lock
- Draw the sample
- Read gas concentration from tube scale

